

Abstract

A system for decontaminating a clean-room (1) has an H_2O_2
5 supply device (2) for supplying the clean-room (1) with H_2O_2
and an H_2O_2 breakdown device (10) for effecting a chemical
breakdown of H_2O_2 without catalyst in the clean-room (1). The
 H_2O_2 breakdown device (10) comprises a supply vessel (11)
10 filled with gaseous agent which can be introduced via a gas
line (13) into the clean-room (1) where it reacts with the
 H_2O_2 . A valve (12) is placed in the gas line (13) with which
the amount of the gaseous agent introduced into the clean-
room (1) can be introduced under open-loop or closed-loop
control. Owing to the fact that the excess H_2O_2 , that is to
15 say the H_2O_2 which has not reacted with other materials in
the clean-room (1) during the decontamination is broken down
in the clean-room (1) itself, it need not be flushed out
completely from the clean-room (1) first and broken down
afterwards.